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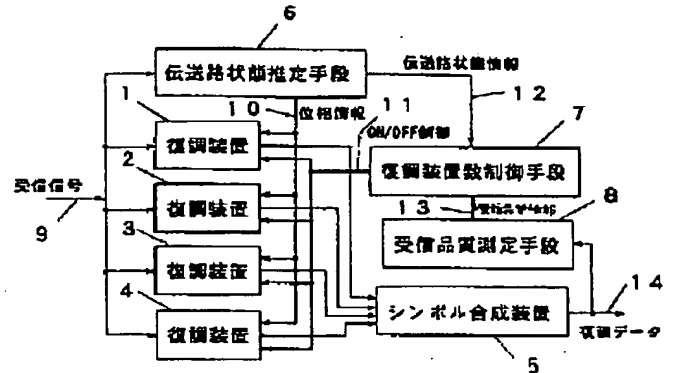
APPLICATION DATE : 29-03-94
APPLICATION NUMBER : 06059279

APPLICANT : MATSUSHITA ELECTRIC IND CO LTD;

INVENTOR : NAKANO TAKAYUKI;

INT.CL. : H04B 1/707

TITLE : SPREAD SPECTRUM SYSTEM
RECEIVER



ABSTRACT : PURPOSE: To improve the reception performance in the worst case and to omit useless processing in the excellent reception state by controlling the number of demodulators.

CONSTITUTION: A transmission line state estimate means 6 estimates a state of multi-path of a transmission line based on a reception signal 9. Demodulators 1-4 make demodulation at a phase of multi-path obtained by the transmission line state estimate means 6 and a symbol synthesizer 5 synthesizes demodulated signals. A demodulator number control means 7 obtains the number of demodulators required to obtain desired reception quality based on transmission line state information 12 and reception quality information 13 to control the operation/stop of the demodulators 1-4.

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